

ABSTRACT OF THE DISCLOSURE

A shaft actuator for a transmission comprising a first electromagnetic solenoid for operating a shifting mechanism of the transmission to a first shifted position and a second
5 electromagnetic solenoid for operating the shifting mechanism to a second shifted position, the shift actuator for a transmission further comprising:

a neutral operation member mounted on the shifting mechanism to bring the shifting mechanism to a neutral
10 position lying between the first shifted position and the second shifted position;

a neutral limitation member that can move to a first position where the neutral operation member is permitted to be operated to the first shifted position and to the second
15 shifted position, and can move to a second position where the neutral operation member is brought to the neutral position; and

an electromagnetic solenoid for neutral, which brings the neutral limitation member to the second position.